STUDIES IN APPLIED MATHEMATICS

Author Index to Volumes 86 and 87

Arkeryd, Leif, On the Strong L^1 Trend to Equilibrium for the Boltzmann Equation, 87:283

Benilov, Eugene S., On the Surface Waves in a Shallow Channel with an Uneven Bottom, 87:1
Benney, D. J. (with Zhou), Instability of Three Dimensional Waves in Two Layered Flows, 86:269
Benney, D. J. (with Zhou), The Nonlinear Instability Characteristics of Waves in Free Shear Layers, 86:53
Bergström, Lars, Initial Algebraic Growth of Small Angular Dependent Disturbances in Pipe Poiseuille Flow, 87:61
Bonetti, Flavio (with Rota, Senato, and Venezia), On the Foundation of Combinatorial Theory. X. A Categorical Setting for Symmetric Functions, 86:1

Chen, B. (with Jorge and Minzoni), Bifurcation of Solutions for an Inverse Problem in Potential Theory, 86:31
Chen, Ming-Po (with Feng and Srivastava), Some Generating Functions for the Generalized Bessel Polynomials, 87:351
Clarkson, Peter A. (with Kruskal), The Painlevé-Kowalevski and Poly-Painlevé Tests for Integrability, 86:87

Dubrovsky, V. G. (with Konopelchenko), Inverse Spectral Transform for the Modified Kadomtsev-Petviashvili Equation, 86:219

Feng, Chia-Chin (with Chen and Srivastava), Some Generating Functions for the Generalized Bessel Polynomials, 87:351

Hajela, D. J., On Polynomials with Low Peak Signal to Power (L_∞ to L_2Norm) Ratios and Theorems of Kashin and Spencer, 87:81
Henningson, Dan S. (with Schmid), Vector Eigenfunction Expansions for Plane Channel Flows, 87:15
Hunter, John K., Interaction of Elastic Waves, 86:281

Jorge, M. C. (with Chen and Minzoni), Bifurcation of Solutions for an Inverse Problem in Potential Theory, 86:31
Joshi, Nalini (with Kruskal), The Painlevé Connection Problem: An Asymptotic Approach. I, 86:315

Konopelchenko, B. G. (with Dubrovsky), Inverse Spectral Transform for the Modified Kadomtsev-Petviashvili Equation, 86:219
Kruskal, Martin D. (with Clarkson), The Painlevé-Kowalevski and Poly-Painlevé Tests for Integrability, 86:87
Kruskal, Martin D. (with Joshi), The Painlevé Connection Problem: An Asymptotic Approach. I, 86:315

Li, H. (with Wong), Asymptotic Expansions for Second-Order Linear Difference Equations, II, 87:289

Majda, A. (with Roytburd), Low Frequency Multidimensional Instabilities for Reacting Shock Waves, 87:135
Minzoni, A. A. (with Chen and Jorge), Bifurcation of Solutions for an Inverse Problem in Potential Theory, 86:31

Naumkin, P. I., Asymptotic Behavior of Solutions to Nonlinear Equations with Dissipation for Large x and t, 87:45

Richardson, S., Hele Shaw Flows with Time-Dependent Free Boundaries Involving Injection through Slits, 87:175
Rota, Gian-Carlo (with Bonetti, Senato, and Venezia), On the Foundation of Combinatorial Theory. X. A Categorical Setting for Symmetric Functions, 86:1
Roytburd, V. (with Majda), Low Frequency Multidimensional Instabilities for Reacting Shock Waves, 87:135

Sachdev, P. L. (with Vaganan), Exact Solutions of Linear Partial Differential Equations with Variable Coefficients, 87:213

Schmid, Peter J. (with Henningson), Vector Eigenfunction Expansions for Plane Channel Flows, 87:15
Senato, Domenico (with Bonetti, Rota, and Venezia), On the Foundation of Combinatorial Theory. X. A Categorical Setting for Symmetric Functions, 86:1
Srivastava, H. M. (with Chen and Feng), Some Generating Functions for the Generalized Bessel Polynomials, 87:351
Srivastava, H. M., A Simple Algorithm for the Evaluation of a Class of Generalized Hypergeometric Series, 86:79
Stuart, David M., Particles in a Singular Asymptotic Limit of a Classical Field Theory, 87:239

Trione, S. E., On the Generalizations of a Theorem of Beppo Levi, 87:195

Vaganan, B. Mayil (with Sachdev), Exact Solutions of Linear Partial Differential Equations with Variable Coefficients, 87:213
Velarde, M. G. (with Weidman), Internal Solitary Waves, 86:167
Venezia, Antonietta M. (with Bonetti, Rota, and Senato), On the Foundation of Combinatorial Theory. X. A. Categorical Setting for Symmetric Functions, 86:1
Venturini, G., Iterates of Number Theoretic Functions with Periodic Rational Coefficients (Generalization of the $3x + 1$ Problem), 86:185

Ward, Michael J., Eliminating Indeterminacy in Singularly Perturbed Boundary Value Problems with Translation Invariant Potentials, 87:95
Weidman, P. D. (with Velarde), Internal Solitary Waves, 86:167
Winnewisser, G. (with Yue), On the Temporal and the Spatial Kelvin-Helmholtz Instability of a Hypersonic Jet Confined by a Longitudinal Magnetic Field, 87:325
Wong, R. (with Li), Asymptotic Expansions for Second-Order Linear Difference Equations, II, 87:289

Yue, Z. Y. (with Winnewisser), On the Temporal and the Spatial Kelvin-Helmholtz Instability of a Hypersonic Jet Confined by a Longitudinal Magnetic Field, 87:325

Zhou, Y. F. (with Benney), Instability of Three Dimensional Waves in Two Layered Flows, 86:269
Zhou, Y. F. (with Benney), The Nonlinear Instability Characteristics of Waves in Free Shear Layers, 86:53

Title Index to Volumes 86 and 87

A Simple Algorithm for the Evaluation of a Class of Generalized Hypergeometric Series, H. M. Srivastava, 86:79

Asymptotic Behavior of Solutions to Nonlinear Equations with Dissipation for Large x and t, P. I. Naumkin, 87:45

Asymptotic Expansions for Second-Order Linear Difference Equations, II, R. Wong and H. Li, 87:289

Bifurcation of Solutions for an Inverse Problem in Potential Theory, B. Chen, M. C. Jorge, and A. A. Minzoni, 86:31

Eliminating Indeterminacy in Singularly Perturbed Boundary Value Problems with Translation Invariant Potentials, Michael J. Ward, 87:95

Exact Solutions of Linear Partial Differential Equations with Variable Coefficients, P. L. Sachdev and B. Mayil Vaganan, 87:213

Hele Shaw Flows with Time-Dependent Free Boundaries Involving Injection through Slits, S. Richardson, 87:175

Initial Algebraic Growth of Small Angular Dependent Disturbances in Pipe Poiseuille Flow, Lars Bergström, 87:61

Instability of Three Dimensional Waves in Two Layered Flows, Y. F. Zhou and D. J. Benney, 86:269

Interaction of Elastic Waves, John K. Hunter, 86:281

Internal Solitary Waves, P. D. Weidman and M. G. Velarde, 86:167

Inverse Spectral Transform for the Modified Kadomtsev-Petviashvili Equation, B. G. Konopelchenko and V. G. Dubrovsky, 86:219

Iterates of Number Theoretic Functions with Periodic Rational Coefficients (Generalization of the $3x + 1$ Problem), G. Venturini, 86:185

Low Frequency Multidimensional Instabilities for Reacting Shock Waves, A. Majda and V. Roytburd, 87:135

On Polynomials with Low Peak Signal to Power (L_∞ to L Norm) Ratios and Theorems of Kashin and Spencer, D. J. Hajela, 87:81

On the Foundation of Combinatorial Theory. X. A Categorical Setting for Symmetric Functions, Flavio Bonetti, Gian-Carlo Rota, Domenico Senato, and Antonietta M. Venezia, 86:1

On the Generalizations of a Theorem of Beppo Levi, S. E. Trione, 87:195

On the Strong L^1 Trend to Equilibrium for the Boltzmann Equation, Leif Arkeryd, 87:283

On the Surface Waves in a Shallow Channel with an Uneven Bottom, Eugene S. Benilov, 87:1

On the Temporal and the Spatial Kelvin-Helmholtz Instability of a Hypersonic Jet Confined by a Longitudinal Magnetic Field, Z. Y. Yue and G. Winnewisser, 87:325

Particles in a Singular Asymptotic Limit of a Classical Field Theory, David M. Stuart, 87:239

Some Generating Functions for the Generalized Bessel Polynomials, Ming-Po Chen, Chia-Chin Feng, and H. M. Srivastava, 87:351

The Nonlinear Instability Characteristics of Waves in Free Shear Layers, D. J. Benney and Y. F. Zhou, 86:53

The Painlevé Connection Problem: An Asymptotic Approach. I, Nalini Joshi and Martin D. Kruskal, 86:315

The Painlevé-Kowalevski and Poly-Painlevé Tests for Integrability, Martin D. Kruskal and Peter A. Clarkson, 86:87

Vector Eigenfunction Expansions for Plane Channel Flows, Dan S. Henningson and Peter J. Schmid, 87:15